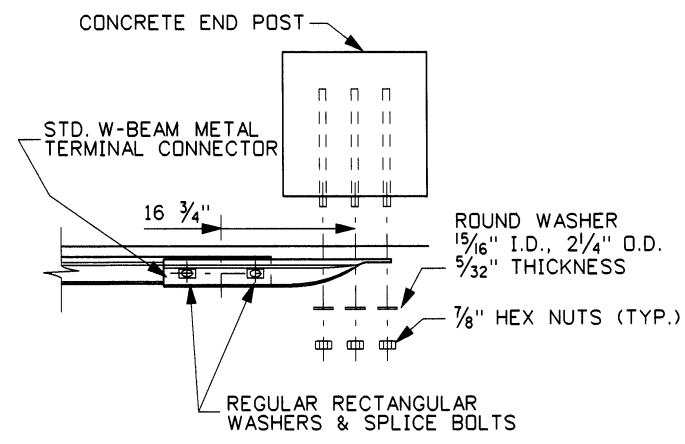
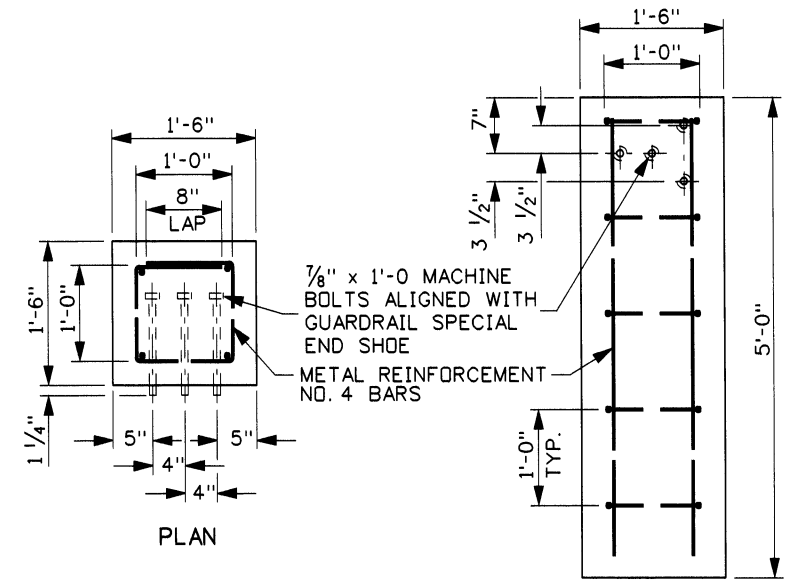


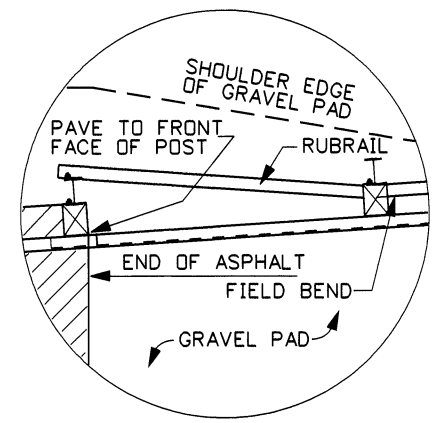
PERSPECTIVE VIEW



POST CONNECTION DETAIL

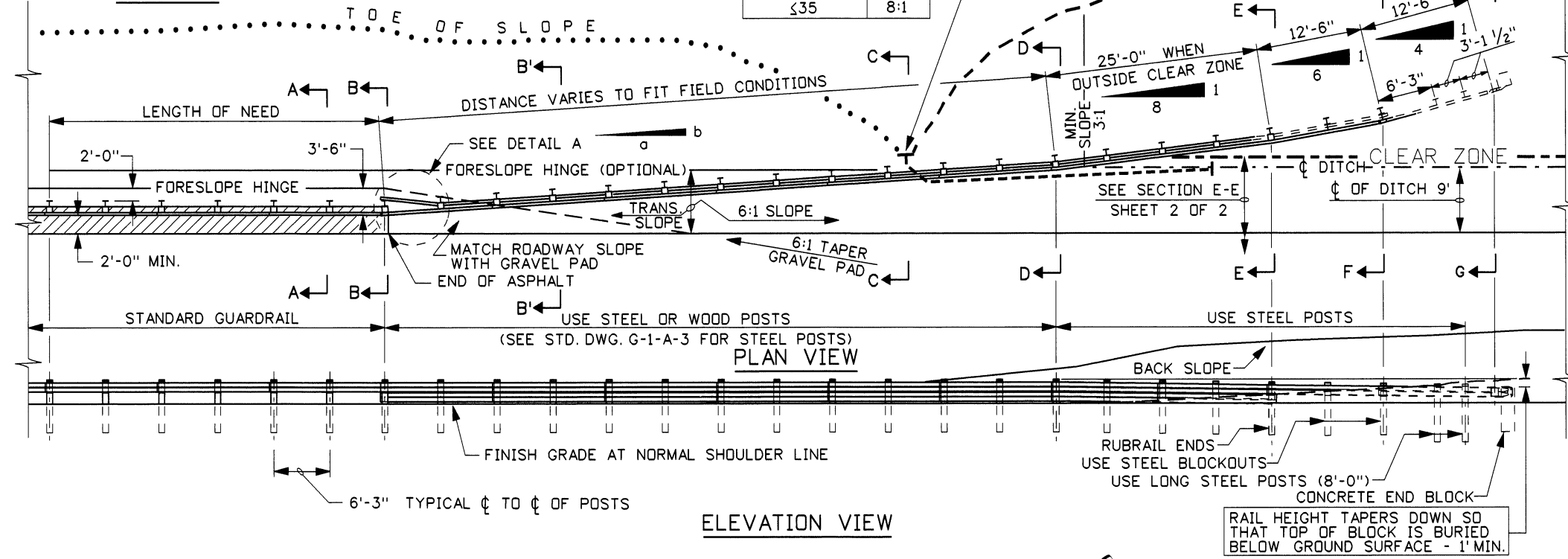


CONCRETE END POST



DETAIL A

TABLE OF MAXIMUM TAPERS	
DESIGN SPEED (mph)	TAPER a:b
75	16:1
70	15:1
65	14:1
60	13:1
55	12:1
50	11:1
45	10:1
40	9:1
≤35	8:1



ELEVATION VIEW

NOTES

1. REFER TO STANDARD DRAWINGS G-1-A-1 THROUGH G-1-A-4 FOR INSTALLATION DETAILS, DETAILS OF GUARDRAIL ACCESSORIES & HARDWARE.
2. CARRY THE GUARDRAIL AT THE INITIAL TAPER (a:b) UNTIL THE DITCH IS TRAVERSED, THEN COMMENCE WITH THE SECONDARY TAPERS (8:1, 6:1, & 4:1) FOR 37'-6\"/>
3. MAINTAIN THE CENTER OF THE TOP RAIL, ALONG THE FACE OF RAIL, AT A HEIGHT OF 1'-9\"/>
4. THE HEIGHT OF THE RUBRAIL, AT THE RUBRAIL CENTER, ALONG THE FACE OF THE RUBRAIL, SHALL NOT EXCEED 2'-0\"/>
5. WHILE MAINTAINING THE HEIGHT OF THE GUARDRAIL AT 1'-9\"/>
6. THE SLOPE OF THE SURFACE BETWEEN THE ROADWAY SHOULDER LINE AND THE HINGE SHALL BE TRANSITIONED FROM THE ADJACENT ROADWAY SLOPE TO A 6:1 OR FLATTER SLOPE.
7. A SIDE DRAIN MUST BE INSTALLED WHERE A DITCH CANNOT BE GRADED TO DRAIN THROUGH THE TERMINAL OR HAS INADEQUATE CAPACITY. TO ACCOMMODATE A SIDE DRAIN PIPE THROUGH THE GUARDRAIL POSTS USE A BURIED FLEXIBLE PLASTIC PIPE OR 45° ELBOWS OF METAL OR CONCRETE PIPE.
8. THE CONCRETE END BLOCK MAY BE PRECAST OR CAST-IN-PLACE.
9. THE PAYMENT FOR METAL TERMINAL SECTION TYPE 2-B SHALL BE LIMITED TO THE CONCRETE END BLOCK, METAL W-BEAM RUBRAIL, TERMINAL END CONNECTOR, POST CONNECTION HARDWARE, AND ANY EXCAVATION AND/OR BACKFILL REQUIRED.
10. NOT TO SCALE.

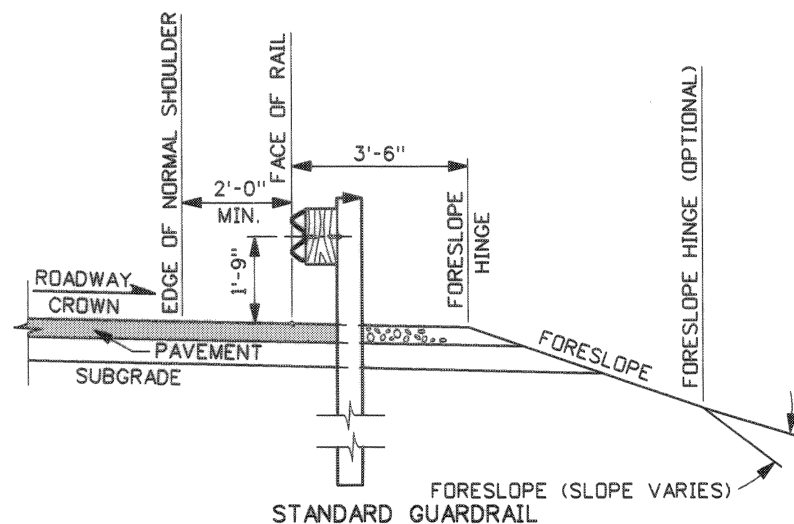
REVISIONS								SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY		IDAHO TRANSPORTATION DEPARTMENT		STANDARD DRAWING GUARDRAIL TERMINAL TYPE 2-B, FOR LESS THAN 10:1 TO 6:1 FORESLOPE REQUIRES SHEET 2 OF 2 & STD. DWGS. G-1-A-1 THRU G-1-A-4		English STANDARD DRWG. NO. G-1-C-2 SHEET 1 OF 2	
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY	CADD FILE NAME g1c20406.std						
1	11-00	MSM													
2	6-01	MSM													
3	11-03	MSM													
4	9-04	MSM													
5	4-06	MSM													

IDAHO
TRANSPORTATION
DEPARTMENT

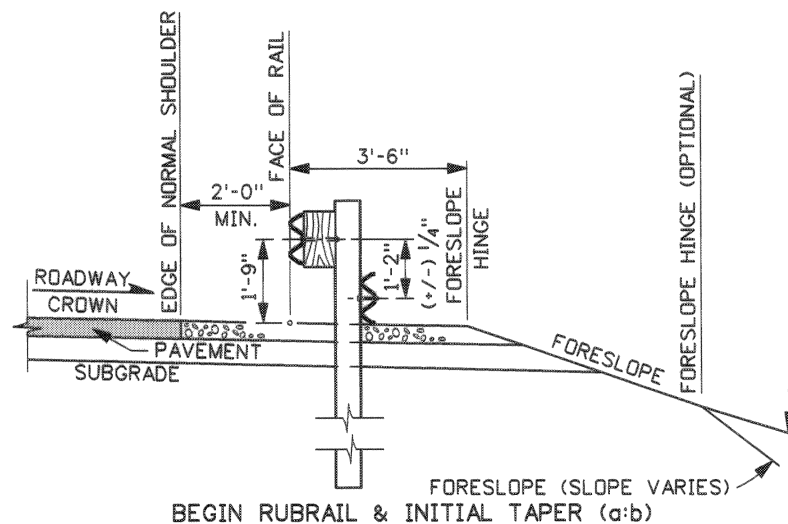
BOISE IDAHO

Assistant Chief Engineer (Development)
Chief Engineer

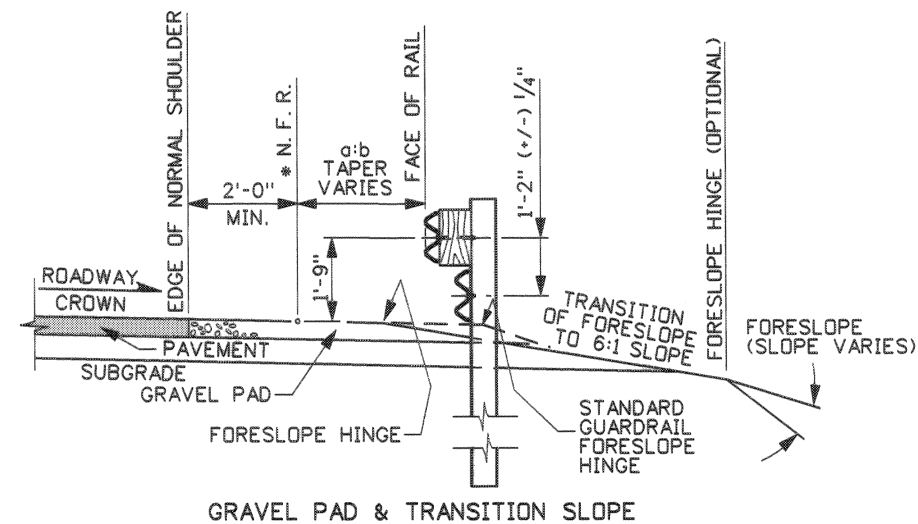
PROFESSIONAL ENGINEER * LAND
REGISTERED
2240
4/27/06
STATE OF IDAHO
MILFORD MILLER



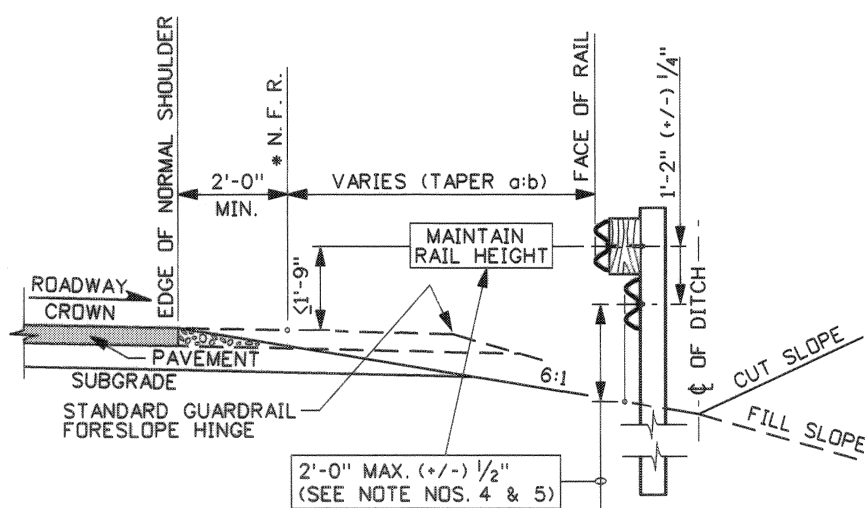
SECTION A-A



SECTION B-B

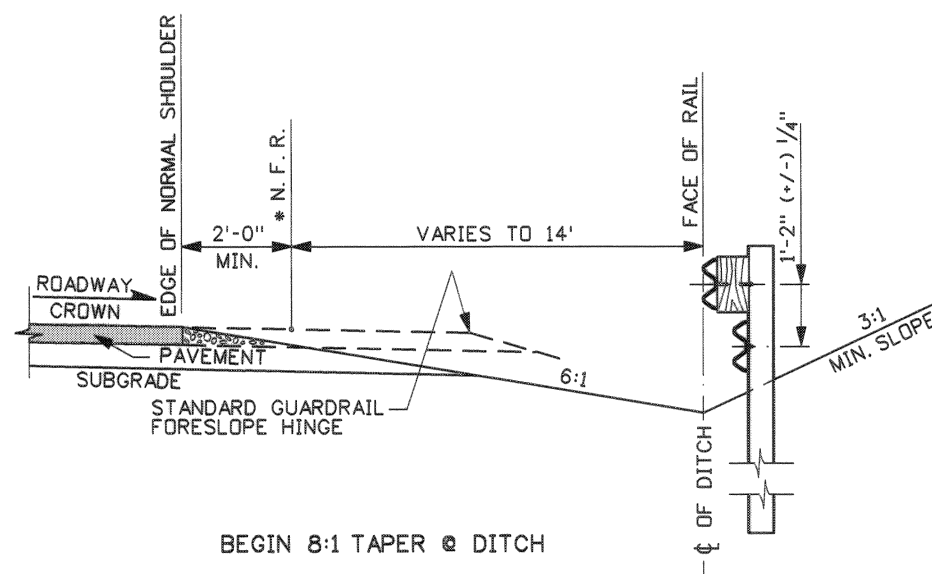


SECTION B'-B'



END OF FILL SLOPE/BEGINNING OF CUT SLOPE

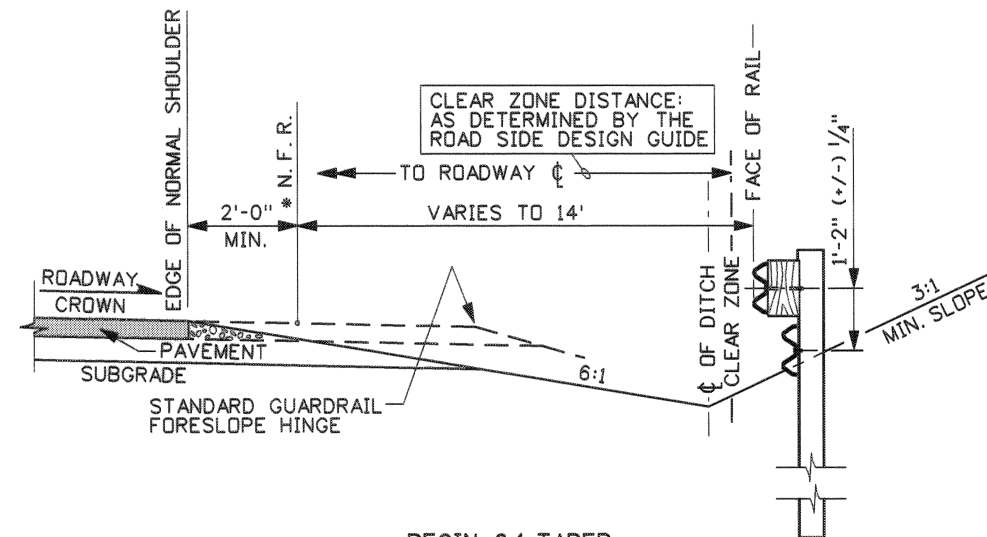
SECTION C-C



BEGIN 8:1 TAPER @ DITCH

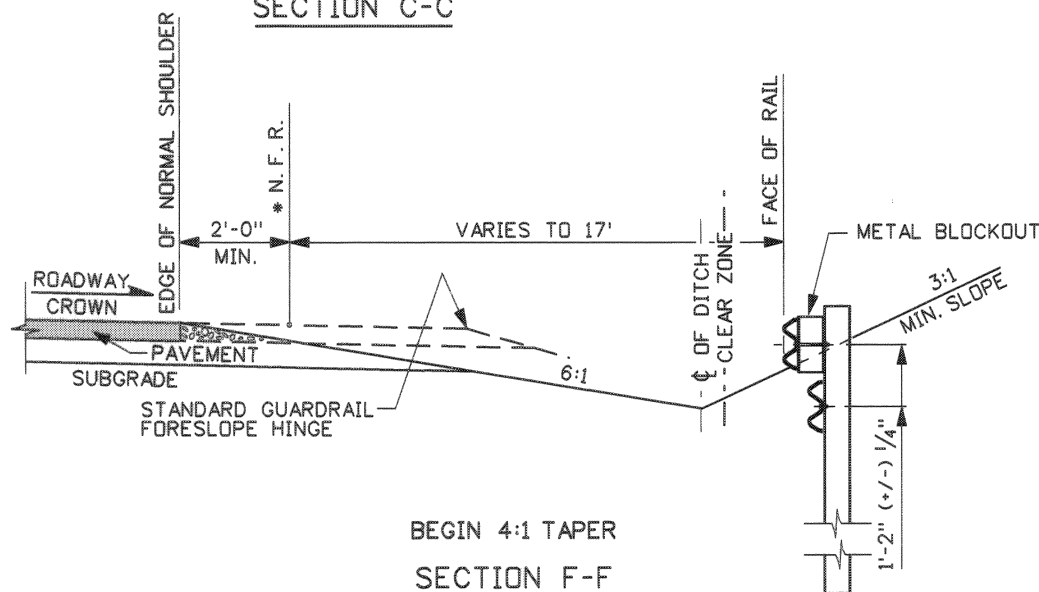
SECTION D-D

(SEE NOTE NO. 2)



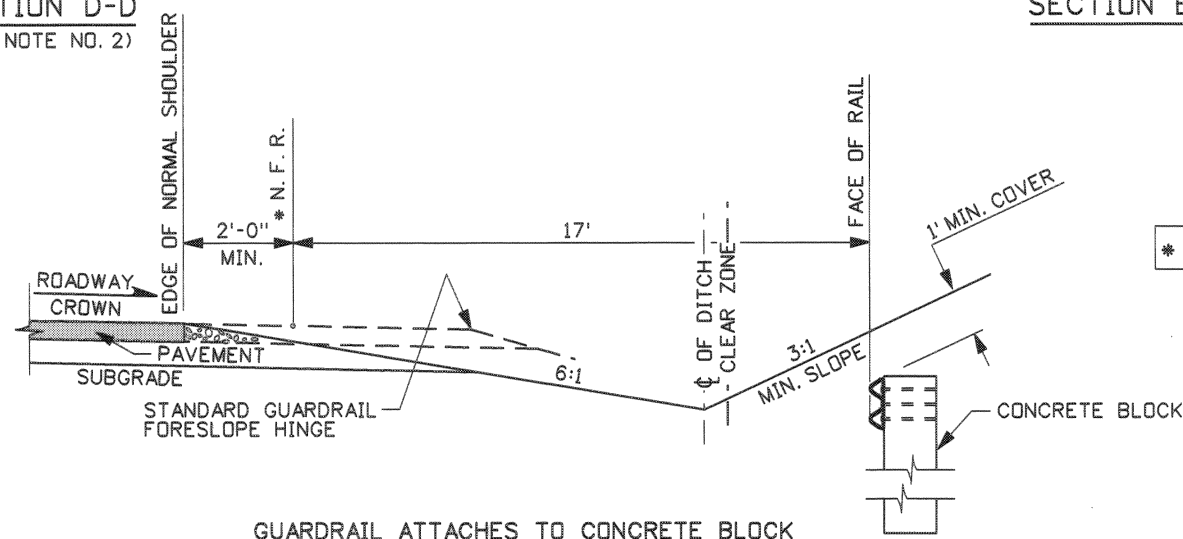
BEGIN 6:1 TAPER

SECTION E-E



BEGIN 4:1 TAPER

SECTION F-F



GUARDRAIL ATTACHES TO CONCRETE BLOCK

SECTION G-G

* N. F. R. (NORMAL FACE OF RAIL)

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
1	11-00	MSM					
2	6-01	MSM					
3	11-03	MSM					
4	9-04	MSM					
5	4-06	MSM					

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME
g1c20406.std

DRWG. ORIG. DATE:
FEBRUARY, 1996

IDAHO
TRANSPORTATION
DEPARTMENT

BOISE IDAHO



Thomas
ASSISTANT CHIEF ENGINEER (DEVELOPMENT)

Steven C. Hutchinson
CHIEF ENGINEER

STANDARD DRAWING
GUARDRAIL TERMINAL TYPE 2-B,
FOR LESS THAN 10:1
TO 6:1 FORESLOPE
REQUIRES SHEET 1 OF 2 &
STD. DWGS. G-1-A-1 THRU G-1-A-4

English
STANDARD DRWG. NO.
G-1-C-2
SHEET 2 OF 2

